

**TABLE B.4.12–2.—Results of Ambient Noise Measurements<sup>a</sup>**

Locations <sup>b</sup>	Date	Start and End Times <sup>c</sup>		1-Hour L <sub>eq</sub> <sup>d</sup>
1 Patterson Pass Rd: 16 feet from near traffic lane	Jan. 9, 2003	7:00 - 4:30	8:00 AM - 5:30 PM	70.5 68.5
2 Patterson Pass Rd: 19 feet from near traffic lane	Jan. 9, 2003	7:00 - 4:30	8:00 AM - 5:30 PM	68.1 63.7
3 Greenville Rd: 6.8 feet from near traffic lane	Jan. 7, 2003	7:15 - 4:30	8:15 AM - 5:30 PM	73.0 74.0
4 South Vasco Rd: 17 feet from near traffic lane	Jan. 8, 2003	7:00 - 4:30	8:00 AM - 5:30 PM	70.2 68.6
5 South Vasco Rd: 32 feet from near traffic lane	Jan. 9, 2003 <sup>e</sup>	7:00 - 4:30	8:00 AM - 5:30 PM	70.2 66.5
	Jan. 10, 2003	7:15 - 4:30	8:15 AM - 5:30 PM	73.2 66.5
6 South Vasco Rd: 43 feet from near traffic lane	Jan. 10, 2003	7:15 - 4:30	8:15 AM - 5:30 PM	73.4 69.3
7 Greenville Rd: 21 feet from near traffic lane	Jan. 7, 2003	7:00 - 4:30	8:00 AM - 5:30 PM	72.2 73.5
8 Greenville Rd: 11 feet from near traffic lane	Jan. 8, 2003	7:00 - 4:30	8:00 AM - 5:30 PM	72.3 72.6

Source: Sculley 2003.

<sup>a</sup> Monitoring was conducted using Larson-Davis Model 820 Type I sound level meters mounted on tripods, about 4 to 5 feet aboveground level. Instruments have a 110-dB dynamic range with a noise floor of about 20 dB(A). Meters were programmed for slow response (8 samples per second, 1 second averaging), A-weighted setting. Weather protection for the body of the meter was provided as necessary using plastic bags or vinyl pouches.

<sup>b</sup> Locations are shown on Figure B.4.12–1.

<sup>c</sup> Meters were started and stopped manually, with 1-minute time histories and 15-minute interval histories collected; interval histories were synchronized to clock hours.

<sup>d</sup> L<sub>eq</sub> is an energy-averaged noise level for the indicated time period.

<sup>e</sup> Morning noise monitoring at Station # 4 was repeated on January 9, 2003.

dB(A) = A-weighted decibels.

**Table B.4.12–3.— Site 300 Offsite Ambient Noise Measurement Results**

Location	Time	L <sub>eq</sub> (dB[A]) <sup>a</sup>	Description
Along eastern Site 300 boundary	11:15 - 11:30 AM	59	No dominant noise sources
Next to Corral Hollow Road approximately 0.75 mile west of I-580	9:05 - 9:20 AM	60	Ambient noise dominated by earth-moving equipment operating at Corral Hollow landfill (0.5 mile from monitoring site)
Next to Corral Hollow Road approximately 2 miles east of I-580	9:35 - 9:50 AM	56	Ambient noise dominated by overflying hawk
Next to Corral Hollow Road across from Carnegie State Vehicular Recreational Area	12:50 - 1:05 PM	66	Ambient noise dominated by wind and a few vehicles on roadway
Next to Tesla Road approximately 0.5 mile west of Alameda/San Joaquin County Line	1:15 - 1:30 PM	64	Ambient noise dominated by wind and a few vehicles on roadway

Source: LLNL 1992a.

<sup>a</sup> L<sub>eq</sub> is an energy-averaged noise level for the indicated time period.